



## **State of Utah**

Division of Facilities Construction and Management  
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# **Diesel Shop Floor Coating Bridgerland ATC**

**Project Number: 05046210**

**Addendum Number 1**

**July 5, 2005**

**Information contained within this addendum modifies project drawings and specifications previously issued and become part of the contract documents. Acknowledge receipt of this addendum in your bid proposal.**

**Index to Addendum Number 1**

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&  
2 pages**

**Project # 05046210**  
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The following will apply to this specification after considering questions and concerns brought to the attention of DFCM.

- 1- Drawing GI101 has been replaced with drawing Add#1. Drawing Add#1 was distributed at the mandatory pre-bid walk and is also available on the DFCM web site.
- 2- The project budget has been increased to include all areas indicated on drawing Add#1. A new bid form will not be issued. All work will be included in the base bid of this project. Disregard Alternate #1 on the bid form.
- 3- Part 1 – General – 1.1 Summary – A. Indicates this application is not intended for use over on grade concrete. It is contractor's responsibility to verify that the installation on this project meets all manufacture requirements and is eligible for warranty.
- 4- Replace 2.2 Materials – C. Urethane Top Coating: Two-component coating with the following properties:

C. Urethane Aliphatic Top Coating: Two-component coating with the following properties:

PROPERTY	VALUE	ASTM
TENSILE		
STRENGTH	3000 PSI Min. (20.69 MPa)	D-412
ELONGATION	180 %Min.	D-412
Permanent Set @ Break	10% Max.	D-412
HARDNESS	90 ± 5 Shore A	D-2240
TEAR RESISTANCE	480 pli Min. (85.9 kg/cm)	D-624 Die C
WATER ABSORPTION	2.8% Max.	D-471 Max. 7days RT
WATER VAPOR PERMEABILITY	0.012 Perm Inches (.3mm)	E-96 method B Max. 100% difference 7 days @ 23°C

- 5- Coating thickness indicated on the drawing is incorrect – Refer to 3.4 Field Quality Control C. Thickness: Minimum over all dry film thickness of the completed fluid applied waterproofing; excluding granule will average 42 mils in two main drive lanes. Minimum over all dry film thickness in all other areas will average 35 mils excluding granule

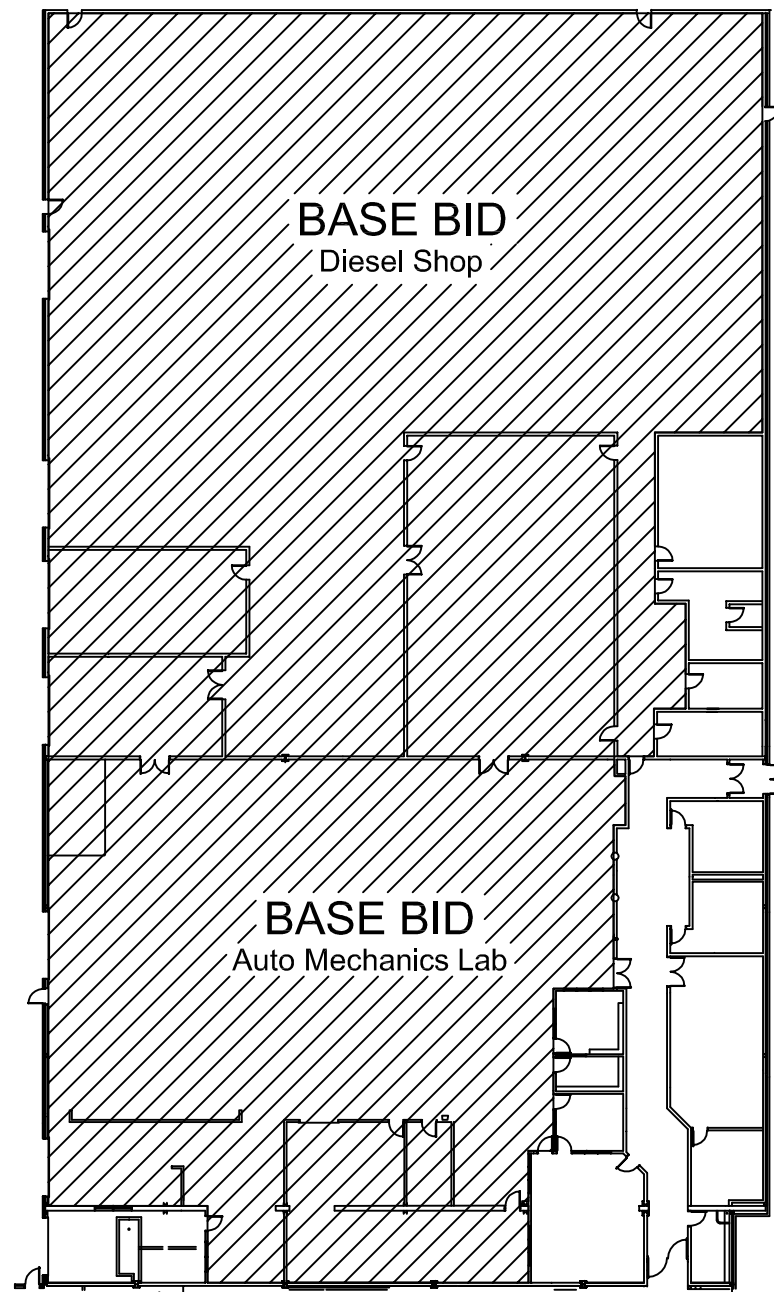
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- 6- 3.3 Installation – The following coats are required Primer coat, base coat, top coat and additional travel lane coat. A wear course will only be required if manufacture recommends it. Also granule is to be installed as recommended by manufacture. Contractors must get approval on granule texture before installation.
- 7- Travel/Drive lanes are bays 1 and 5, the entire length of the shop. Travel/Drive lanes will be five feet wider than overhead doors in both directions.
- 8- All details including cracks, metal expansion joints and any other is to be done as recommended by manufacture. Note: manufacture recommendations are required. See 3.3 installation C. Detail work. The entire system must meet manufacture warranty requirements against peeling, blistering and cracking.
- 9- 3.2 Preparation – shop blasting, track blasting or grinding is the minimum required. All contaminates must be removed prior to any installation. Pressure washing and degreasing will be required if recommended by owner. Pressure washing and degreasing will not take the place of shop blasting.
- 10- Contractor is responsible for concrete repairs as conditions require. Contractors should assume that patching will be required at the drain grates at a minimum. All patching will be done as recommended by manufacture with manufacture approved products.
- 11- Color of coating will be selected from manufacture standard offering. Grey is the most likely choice.
- 12- Contractors are required to include 2000 liner feet of yellow 4” striping to be installed at the direction of owner.
- 13- School starts on August 24, 2005. The completion date for the project will remain August 12, 2005 as stated on the bid form.
- 14- Contractor is not responsible for removing any of the tool bins, boxes or any other equipment in the shop areas that will need to be removed to perform this project.
- 15- Contractor will be given at least one full shop at a time, to perform work in. Contractor should not assume even though it may be possible that they will be given both shops at the same time. BATC has year round students and they may have the need to occupy one shop while this work is being performed in the other.
- 16- Alternate systems – The following has been submitted and approved.  
Tennant Eco-PT 3/16” power toweled epoxy system with Tennant HPS urethane top coat. Minimum urethane top coat dry thickness to be 5 mils. All items in this addendum and project specifications will apply to this system where applicable.

**Direct any concerns or Questions about project to Darrell Hunting @ 801-244-7647**

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A1

# Diesel Shop & Automotive Lab Floor Coating Plan

1" = 40'-0"

Base Bid is Approx. 31,600 sf.

## CONTRACTOR REQUIREMENTS

1. Must have successful 5 year history of installing industrial coatings.
2. Must be a manufacturer approved installer.
3. Must have a DFCM past performance rating of 4 or higher. If the contractor has not done work for DFCM in the past 5 years, references will be required if requested.
4. Contractor shall be licensed by the State of Utah to perform this type of work.

## GENERAL PROJECT NOTES

1. Floor shall be track blasted or ground to remove all contaminates. Owner to approve floor prior to installation of coating system.
2. Coating system will consist of:
  - a - Primer coat
  - b - Base coat
  - c - Top coat
  - d - Travel Lane areas will have one additional coat.Reference the specifications for coating requirements.
3. Main floor shall be 25 dry mil minimum thickness. Travel lanes shall be 35 dry mil minimum thickness.
4. Floor texture shall be as approved by owner. Contractor may be required to provide test area for approval.
5. Contractor shall guarantee coating system for 2 years.
6. Manufacturer shall provide 5 year system warranty, covering any material and labor.
7. Contractor shall provide Operations and Maintenance Manuals on the system.



PROPERTY ID: 07471  
BRIDGERLAND  
APPLIED  
TECHNOLOGY  
COLLEGE

Diesel Shop  
Floor Coating

1	6/28/2005	Delete Alt #1 add Auto Shop
MARK	DATE	DESCRIPTION

ISSUE TYPE: Bid Sheet

ISSUE DATE: June 21, 2005

DFCM PROJECT NO: 05046210  
CAD PROJECT NO: 05-323  
CAD DWG FILE: 05046210-B.DWG  
DRAWN BY: SAC  
CHK'D BY: SAC  
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SHEET TITLE

DIESEL SHOP &  
AUTOMOTIVE LAB  
FLOOR PLAN

SHEET NUMBER

Add #1